

# Gk Jayaprakasha

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60  
papers

4,577  
citations

34  
h-index

60  
g-index

60  
ext. papers

5,010  
ext. citations

5.4  
avg, IF

5.56  
L-index

#	Paper	IF	Citations
60	Impact of storage period and nanoparticle treatment on phytochemical composition of watermelons ( <i>Citrullus lanatus</i> ). <i>Journal of Food Composition and Analysis</i> , <b>2021</b> , 104, 104139	4.1	1
59	Grapefruit <b>2020</b> , 393-404		0
58	BetaSweet carrot extracts have antioxidant activity and in vitro antiproliferative effects against breast cancer cells. <i>Journal of Functional Foods</i> , <b>2019</b> , 62, 103552	5.1	3
57	A sensitive HPLC-FLD method combined with multivariate analysis for the determination of amino acids in l-citrulline rich vegetables. <i>Journal of Food and Drug Analysis</i> , <b>2019</b> , 27, 717-728	7	13
56	Metabolite profiling and in vitro biological activities of two commercial bitter melon ( <i>Momordica charantia</i> Linn.) cultivars. <i>Food Chemistry</i> , <b>2019</b> , 288, 178-186	8.5	15
55	Chemometric characterization of 30 commercial thermal and cold processed juices using UPLC-QTOF-HR-MS fingerprints. <i>LWT - Food Science and Technology</i> , <b>2019</b> , 114, 108322	5.4	12
54	Metabolomic studies of volatiles from tomatoes grown in net-house and open-field conditions. <i>Food Chemistry</i> , <b>2019</b> , 275, 282-291	8.5	27
53	An optimized solvent extraction and characterization of unidentified flavonoid glucuronide derivatives from spinach by UHPLC-HR-QTOF-MS. <i>Talanta</i> , <b>2018</b> , 188, 763-771	6.2	15
52	Citrus nomilin down-regulates TNF- $\alpha$ induced proliferation of aortic smooth muscle cells via apoptosis and inhibition of IB. <i>European Journal of Pharmacology</i> , <b>2017</b> , 811, 93-100	5.3	4
51	Effect of ethylene degreening on flavonoid pathway gene expression and phytochemicals in Rio Red grapefruit ( <i>Citrus paradisi</i> Macf). <i>Phytochemistry Letters</i> , <b>2017</b> , 22, 270-279	1.9	7
50	A metabolomics approach to identify and quantify the phytochemicals in watermelons by quantitative (1)HNMR. <i>Talanta</i> , <b>2016</b> , 153, 268-77	6.2	26
49	Phytochemical analysis of organic and conventionally cultivated Meyer lemons ( <i>Citrus meyeri</i> Tan.) during refrigerated storage. <i>Journal of Food Composition and Analysis</i> , <b>2015</b> , 42, 63-70	4.1	22
48	Ethylene degreening modulates health promoting phytochemicals in Rio Red grapefruit. <i>Food Chemistry</i> , <b>2015</b> , 188, 77-83	8.5	19
47	Low temperature conditioning reduces chilling injury while maintaining quality and certain bioactive compounds of Star Ruby grapefruit. <i>Food Chemistry</i> , <b>2014</b> , 153, 243-9	8.5	53
46	Obacunone exhibits anti-proliferative and anti-aromatase activity in vitro by inhibiting the p38 MAPK signaling pathway in MCF-7 human breast adenocarcinoma cells. <i>Biochimie</i> , <b>2014</b> , 105, 36-44	4.6	15
45	Ascorbic acid, capsaicinoid, and flavonoid aglycone concentrations as a function of fruit maturity stage in greenhouse-grown peppers. <i>Journal of Food Composition and Analysis</i> , <b>2014</b> , 33, 195-202	4.1	40
44	PREVENTION OF CANCER BY NATURALLY OCCURRING BIOACTIVE COMPOUNDS: CONVENTIONAL WISDOM OR REALITY?. <i>Acta Horticulturae</i> , <b>2014</b> , 247-254	0.3	

43	LEMON (CITRUS LEMON L. BURM) AS A SOURCE OF UNIQUE BIOACTIVE COMPOUNDS. <i>Acta Horticulturae</i> , <b>2014</b> , 377-380	0.3	1
42	ANTIOXIDANT ACTIVITIES OF KAGZI LIME (CITRUS AURANTIFOLIA SWINGLE). <i>Acta Horticulturae</i> , <b>2014</b> , 381-384	0.3	
41	Inhibition of Escherichia coli O157:H7 motility and biofilm by ßitosterol glucoside. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2013</b> , 1830, 5219-28	4	25
40	Chemical composition of volatile oil from Citrus limettioides and their inhibition of colon cancer cell proliferation. <i>Industrial Crops and Products</i> , <b>2013</b> , 45, 200-207	5.9	37
39	Degreening and postharvest storage influences Star Ruby grapefruit (Citrus paradisi Macf.) bioactive compounds. <i>Food Chemistry</i> , <b>2012</b> , 135, 1667-75	8.5	42
38	Extraction efficiency and validation of an HPLC method for flavonoid analysis in peppers. <i>Food Chemistry</i> , <b>2012</b> , 130, 751-758	8.5	66
37	Radical scavenging capacities and inhibition of human prostate (LNCaP) cell proliferation by Fortunella margarita. <i>Food Chemistry</i> , <b>2012</b> , 131, 184-191	8.5	29
36	Variation of antioxidant activity and the levels of bioactive compounds in lipophilic and hydrophilic extracts from hot pepper (Capsicum spp.) cultivars. <i>Food Chemistry</i> , <b>2012</b> , 134, 1912-8	8.5	73
35	Obacunone and obacunone glucoside inhibit human colon cancer (SW480) cells by the induction of apoptosis. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 1616-25	4.7	39
34	Citrus flavonoid represses Salmonella pathogenicity island 1 and motility in S. Typhimurium LT2. <i>International Journal of Food Microbiology</i> , <b>2011</b> , 145, 28-36	5.8	31
33	Rapid HPLC-UV method for quantification of l-citrulline in watermelon and its potential role on smooth muscle relaxation markers. <i>Food Chemistry</i> , <b>2011</b> , 127, 240-248	8.5	38
32	Suppression of bacterial cell-cell signalling, biofilm formation and type III secretion system by citrus flavonoids. <i>Journal of Applied Microbiology</i> , <b>2010</b> , 109, 515-527	4.7	222
31	Berberine induces apoptosis in breast cancer cells (MCF-7) through mitochondrial-dependent pathway. <i>European Journal of Pharmacology</i> , <b>2010</b> , 645, 70-8	5.3	130
30	Grapefruit bioactive limonoids modulate E. coli O157:H7 TTSS and biofilm. <i>International Journal of Food Microbiology</i> , <b>2010</b> , 140, 109-16	5.8	70
29	Characterization of Citrus aurantifolia bioactive compounds and their inhibition of human pancreatic cancer cells through apoptosis. <i>Microchemical Journal</i> , <b>2010</b> , 94, 108-117	4.8	50
28	Apoptosis-mediated proliferation inhibition of human colon cancer cells by volatile principles of Citrus aurantifolia. <i>Food Chemistry</i> , <b>2009</b> , 114, 1351-1358	8.5	77
27	Grapefruit juice and its furocoumarins inhibits autoinducer signaling and biofilm formation in bacteria. <i>International Journal of Food Microbiology</i> , <b>2008</b> , 125, 204-8	5.8	142
26	Antibacterial activity of the extracts from the fruit rinds of Garcinia cowa and Garcinia pedunculata against food borne pathogens and spoilage bacteria. <i>LWT - Food Science and Technology</i> , <b>2008</b> , 41, 1857-1861	5.4	46

25	Radical scavenging activities of Rio Red grapefruits and Sour orange fruit extracts in different in vitro model systems. <i>Bioresource Technology</i> , <b>2008</b> , 99, 4484-94	11	160
24	Novel triterpenoid from <i>Citrus aurantium</i> L. possesses chemopreventive properties against human colon cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 5939-51	3-4	67
23	Influence of pre- and post-harvest factors and processing on the levels of furocoumarins in grapefruits ( <i>Citrus paradisi</i> Macfed.). <i>Food Chemistry</i> , <b>2008</b> , 111, 387-92	8.5	18
22	Development of a method for the quantification of D-glucaric acid in different varieties of grapefruits by high-performance liquid chromatography and mass spectra. <i>Journal of Chromatography A</i> , <b>2008</b> , 1190, 394-7	4-5	15
21	Radical scavenging and cytochrome P450 3A4 inhibitory activity of bergaptol and geranylcoumarin from grapefruit. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 3684-91	3-4	42
20	Inhibition of colon cancer cell growth and antioxidant activity of bioactive compounds from <i>Poncirus trifoliata</i> (L.) Raf. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 4923-32	3-4	96
19	Simultaneous determination of citrus limonoid aglycones and glucosides by high performance liquid chromatography. <i>Analytica Chimica Acta</i> , <b>2007</b> , 590, 180-6	6.6	60
18	In vitro evaluation of the antioxidant activities in fruit extracts from citron and blood orange. <i>Food Chemistry</i> , <b>2007</b> , 101, 410-418	8.5	172
17	Antioxidant and antimutagenic activities of <i>Cinnamomum zeylanicum</i> fruit extracts. <i>Journal of Food Composition and Analysis</i> , <b>2007</b> , 20, 330-336	4-1	106
16	An improved HPLC method for the analysis of citrus limonoids in culture media. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2007</b> , 846, 385-90	3-2	15
15	Potent inhibition of human cytochrome P450 3A4, 2D6, and 2C9 isoenzymes by grapefruit juice and its furocoumarins. <i>Journal of Food Science</i> , <b>2007</b> , 72, C417-21	3-4	60
14	IMPACT OF CITRUS LIMONOIDS ON HUMAN HEALTH. <i>Acta Horticulturae</i> , <b>2007</b> , 127-134	0.3	1
13	Antioxidative and antimutagenic activities of the extracts from the rinds of <i>Garcinia pedunculata</i> . <i>Innovative Food Science and Emerging Technologies</i> , <b>2006</b> , 7, 246-250	6.8	20
12	Antioxidant activities of curcumin, demethoxycurcumin and bisdemethoxycurcumin. <i>Food Chemistry</i> , <b>2006</b> , 98, 720-724	8.5	267
11	Antioxidant activity of the extracts from <i>Dillenia indica</i> fruits. <i>Food Chemistry</i> , <b>2005</b> , 90, 891-896	8.5	149
10	Antiaflatoxic and antioxidant activities of <i>Garcinia</i> extracts. <i>International Journal of Food Microbiology</i> , <b>2005</b> , 101, 153-60	5.8	62
9	Antibacterial activity of <i>Aristolochia bracteata</i> root extracts. <i>Journal of Medicinal Food</i> , <b>2003</b> , 6, 401-3	2.8	23
8	Inhibition of growth and aflatoxin production in <i>Aspergillus flavus</i> by <i>Garcinia indica</i> extract and its antioxidant activity. <i>Food Microbiology</i> , <b>2003</b> , 20, 455-460	6	64

7	Antioxidant and antimutagenic activities of pomegranate peel extracts. <i>Food Chemistry</i> , <b>2003</b> , 80, 393-397	375	313
6	Antioxidant and Antibacterial Activities of Punica granatum Peel Extracts. <i>Journal of Food Science</i> , <b>2003</b> , 68, 1473-1477	3-4	167
5	Antibacterial and antioxidant activities of grape ( <i>Vitis vinifera</i> ) seed extracts. <i>Food Research International</i> , <b>2003</b> , 36, 117-122	7	415
4	Determination of organic acids in leaves and rinds of <i>Garcinia indica</i> (Desr.) by LC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2002</b> , 28, 379-84	3-5	53
3	Antioxidant activity of grape seed ( <i>Vitis vinifera</i> ) extracts on peroxidation models in vitro. <i>Food Chemistry</i> , <b>2001</b> , 73, 285-290	8-5	738
2	Determination of organic acids in <i>Garcinia cambogia</i> (Desr.) by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>1998</b> , 806, 337-339	4-5	44
1	Limonoids from <i>Citrus reticulata</i> and their moult inhibiting activity in mosquito <i>Culex quinquefasciatus</i> larvae. <i>Phytochemistry</i> , <b>1997</b> , 44, 843-6	4	60